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PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

		Application Number	10/080,073			
TRANSMIT	TAL	Filing Date	2/21/2001			
FORM		First Named Inventor	De et al.			
(to be used for all correspondence at	ter initial filing)	Group Art Unit	2681			
		Examiner Name	Not Yet Known			
Total Number of Pages in This Subr	mission 6	Attorney Docket Number	I-2-0173.5US			
	ENCL	OSURES (check	all that apply)			
★ Fee Transmittal Form	Assignm (for an A	nent Papers Application)	After Allowance Communication to Group			
Fee Attached	Drawing		Appeal Communication to Board of Appeals and Interferences			
Amendment / Reply	Licensin	ng-related Papers	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)			
After Final	Petition		Proprietary Information			
Affidavits/declaration(s)	Provisio	to Convert to a na! Application	Status Letter			
	Power of Change	of Attorney, Revocation of Correspondence	Other Enclosure(s) (please			
Extension of Time Request	Address	al Disdaimer	identify below):			
Express Abandonment Request	Reques	t for Refund				
Information Disclosure Statement		mber of CD(s)	RECEIVED			
Certified Copy of Priority	CD, Nu	Tibel of CB(s)	AUG 1 3 2002			
Document(s) Response to Missing Parts/	Remarks	J	Technology Center 2600			
Incomplete Application Response to Missing Parts	1					
under 37 CFR 1.52 or 1.53						
SIGNAT	URE OF APPLI	CANT, ATTORNEY, OR	AGENT			
Firm Jeffrey M. GI	abicki		Reg. No. 42,584			
or Individual name Volpe and Ko	oenig, P.C.					
Signature	Ammil-					
Date August 5, 20	002					
	CERTIFIC	ATE OF MAILING				
ereby certify that this correspondence is being deposited with th	e United States Postal S					
ddressed to: Commissioner for Patents, Washington, DC 20231			August 5, 2002			
Typed or printed name Jeffrey N	1. Glabicki		August 5, 2002			

Volpe and Koenig Revision of PTO/S8/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 0

Complete if Known								
Application Number	10/080,073							
Filing Date	2/21/2002							
First Named Inventor	De et al.							
Examiner Name	Not Yet Known とる							
Group Art Unit	2681							
Attorney Docket No.	I-2-0173.5US							

METHOD OF PAYMENT						FEE CALCULATION (continued)							
1. The Commissioner is hereby authorized to charge				3. ADDITIONAL FEES									
Deposit (cated fees and	d credit any overpayments to:			Larg		Sma						
Account Number		22-0493		Fee	Entit Fee	y Fee	Entit	ry Fee Description	Fee Paid				
Deposit				Code		Cod		ree bescription					
Account Name	VOLP	E AND KOENIG, P.C.		105	130	205	65	Surcharge - late filing fee or oath					
Charg		es or Credit any Overpayment ociated With This Communication		127	50	227	25	Surcharge - late provisional filing fee or cover sheet					
	ant claims smal	I entity status.		139	130	139	130	Non-English specification					
	7 CFR 1.27	· · · · · · · · · · · · · · · · · · ·	\dashv	147	2,520	147	2,520	For filing a request for ex parte reexamination					
][ment Enclo	CT Money CT		112	920*	112	920*	Requesting publication of SIR prior to Examiner action					
Chec	k Cre	dit card Money Oth	er	113	1,840*	113	1,840	Requesting publication of SIR after					
	FEE C	ALCULATION						Examiner action 3					
1. BASIC	ILING FE	E		115	110	215	55	Extension for reply within first month	2 0				
	ty Small Enti			116	400	216	200	Extension for reply within second month					
Fee Fee Code (\$)		Fee Description Fee Pa	id	117	920		460	Extension for reply within third month	3 ₹				
101 740	201 370	Utility filing fee	7	118	1,440		720	Extension for reply within third month Extension for reply within fourth month	-				
106 330	206 165	Design filing fee	-11	128	1,960	228	980	Extension for reply within fifth month Notice of Appeal	2 6				
107 510	207 255	Plant filing fee	-1 1	119	320	219	160	Notice of Appeal					
108 740	208 370	Reissue filing fee	\Box I	120	320	220	160	Filing a brief in support of an appeal					
114 160	214 80	Provisional filing fee		121	280	221	140	Request for oral hearing					
		01177771 (1) (10) 0	\neg l	138	1,510	138	1,510	Petition to institute a public use proceeding					
SUBTOTAL (1) (\$) 0				140	110	240	55	Petition to revive - unavoidable					
2. EXTRA CLAIM FEES				141	1,280	241	640	Petition to revive - unintentional					
		Extra Claims below Fee F	aid	142	1,280	242	640	Utility issue fee (or reissue)	<u> </u>				
Total Claims	-	"= X		143	460	243	230	Design issue fee	\vdash				
Independent Claims	·	"=LX	_	144	620	244	310	Plant issue fee					
Multiple Deper	ndent	=		122	130	122	130	Petitions to the Commissioner					
				123	50	123	50	Processing fee under 37 CFR 1.17(q)					
Large Entity Fee Fee	y Small Entity Fee Fee	y Fee Description		126	180	126	180	Submission of Information Disclosure Stmt					
Code (\$) 103 18	Code (\$) 203 9	Claims in excess of 20		581	40	581	40	Recording each patent assignment per property (times number of properties)					
102 84	202 42	Independent claims in excess of 3		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))					
104 280	204 140	Multiple dependent claim, if not pai	d	149	740	249	370	For each additional invention to be					
109 84	209 42	** Reissue independent claims over original patent				,		examined (37 CFR § 1.129(b))	 				
110 18	210 9	** Reissue claims in excess of 20		179	740	279	370	Request for Continued Examination (RCE)					
		and over original patent		169	900	169	900	Request for expedited examination of a design application					
	su	BTOTAL (2) (\$) 0		Other	fee (s	pecify)						
**or number		aid, if greater; For Reissues, see abou	/e	*Red	uced b	y Bas	ic Filing	Fee Paid SUBTOTAL (3)	0				

SUBMITTED BY		Complete (if applicable)				
Name (Print/Type)	Jeffrey M. Glabicki	Registration No. (Attorney/Agent)	42,584	Telephone	215-568-6400	
Signature	May ly Sular-			Date	8/5/02	

WARKING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

the **PATENT APPLICATION** of:

De et al.

Application No.: 10/080,073

Confirmation No.: 1400

Filed:

2/21/2002

For: SINGLE USER DETECTION BASE

STATION

Group:

2681

Examiner:

Not Yet Known

Our File: I-2-0173.5US

Date: August 5, 2002

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AUG 1 3 2002

Technology Center 2600

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents Washington, D.C. 20231

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

De et al.

Jeffrey M. Glabick

Registration No. 42,584

(215) 568-6400

Volpe and Koenig, P.C. Suite 400, One Penn Center 1617 John F. Kennedy Boulevard Philadelphia, PA 19103 JMG/jrd Enclosures

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RADEMA	EK CERE	FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE						INAE	BCE.	ATTY. DOCKET NO. I-2-0173.5US	SERIAL NO. 10/080,073				
		PATENT	ENT AND TRADEMARK OFFICE NFORMATION DISCLOSURE							APPLICANT De et al.					
		STATEMENT BY APPLICANT (Use several sheets if necessary)								FILING DATE 2/21/2002	GROUP 2681				
•							U	.s.	PATENT	DOCUMENTS					
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		АН	Vandaele P. et al. "Recursive Total Least Squares Algorithm for Sincle-User Blir Channel Equalisation: IEE Proceedings: Vision, Image and Signal Processing, Instutution of Lectrical Engineers, FB, Vol 147, No. 3, 23 June 2000												
	EXAN	/INER								DATE (CONSIDE	RED			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.